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SEQUENCE LISTING

(1) GENERAL INFORMATION:

    (i) APPLICANT: PODSAKOFF, GREGORY M.
                   KESSLER, PAUL D.
                   BYRNE, BARRY J.
                   KURTZMAN, GARY J.

    (ii) TITLE OF INVENTION: METHODS FOR DELIVERING DNA TO MUSCLE
          CELLS USING RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS

    (iii) NUMBER OF SEQUENCES: 5

    (iv) CORRESPONDENCE ADDRESS:
        (A) ADDRESSEE: ROBINS & ASSOCIATES
        (B) STREET: 90 MIDDLEFIELD ROAD, SUITE 200
        (C) CITY: MENLO PARK
        (D) STATE: CA
        (E) COUNTRY: USA
        (F) ZIP: 94025

    (v) COMPUTER READABLE FORM:
        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

    (vi) CURRENT APPLICATION DATA:
        (A) APPLICATION NUMBER: US 08/588,355
        (B) FILING DATE: 18-JAN-1996
        (C) CLASSIFICATION:

    (vii) PRIOR APPLICATION DATA:
        (A) APPLICATION NUMBER:
        (B) FILING DATE:

    (viii) ATTORNEY/AGENT INFORMATION:
        (A) NAME: MCCRACKEN, THOMAS P.
        (B) REGISTRATION NUMBER: 38,548
        (C) REFERENCE/DOCKET NUMBER: 0800-0009

    (ix) TELECOMMUNICATION INFORMATION:
        (A) TELEPHONE: (650) 325-7812
        (B) TELEFAX: (650) 325-7823

(2) INFORMATION FOR SEQ ID NO:1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 14 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

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GGCAGCTGCC TGCA   14

(2) INFORMATION FOR SEQ ID NO:2:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 14 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GAAGGCGCGC CTTC   14

(2) INFORMATION FOR SEQ ID NO:3:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 80 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GCGGCCGCAC GCGTACGTAC CGGTTCGAAG CGCGCACGGC CGACCATGGT TAACTCCGGA   60

CACGTGCGGA CCGCGGCCGC   80

(2) INFORMATION FOR SEQ ID NO:4:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 28 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AAAATTCGAA CCTGGGGAGA AACCAGAG   28

(2) INFORMATION FOR SEQ ID NO:5:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 28 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single

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(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

GTTTCCCCGC GAATGGACAA GCTTAAAA   28